

# Morbidity and Mortality

Weekly  
Report



U. S. Department of  
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

October 26, 1956

Washington 25, D. C.

Vol. 5, No. 42

## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended October 20, 1956

Of the 45 cases of diphtheria reported this week, one-third (15) were in Alabama. Twenty cases were reported in Florida (8), South Carolina (7), and North Carolina (5). The remainder were in 7 scattered States.

The numbers of reported cases of poliomyelitis by type for the United States for the current week, disease year, and calendar year are:

TYPE	CURRENT WEEK		DISEASE YEAR		CALENDAR YEAR	
	1956	1955	1956	1955	1956	1955
TOTAL-----	397	790	12,470	24,653	13,537	25,716
Paralytic-----	154	348	5,206	8,541	5,789	9,005
Nonparalytic-----	159	241	5,010	9,760	5,295	10,050
Unspecified-----	84	201	2,254	6,352	2,453	6,661

### EPIDEMIOLOGICAL REPORTS

#### Botulism

Dr. R. C. Boylan, Colorado State Department of Public Health, has reported 6 cases of botulism with 1 death in Moffat County. The source was home canned beet greens.

#### Encephalitis

The Texas State Department of Health has reported an outbreak of infectious encephalitis. Since August 1, 1956, there have been 251 cases (9 deaths) reported. The majority of these cases (233) occurred in a 21-county area in the northwestern part of the State. Seventy-seven cases have been confirmed by laboratory tests, 64 being of the St. Louis type, and 13 of the western equine. The peak of the outbreak apparently occurred the last week of August when 50 cases were reported.

#### Rabies

Dr. S. Edward Sulkin, the University of Texas Southwestern Medical School, Dallas, has reported a fatal case of human rabies, the fourth in the area during the current year. The victim was a 63-year-old man whose death followed an incubation period of 54 days.

The California State Department of Public Health has reported a total of 264 cases of rabies in animals for the period January 1 through October 9, 1956. Of these, 126 were in dogs, 101 in skunks, and 27 in cattle. The remainder were in various domestic and wild animals.

Dr. W. H. Y. Smith, Alabama State Department of Public Health, has reported the second case of bat rabies within 1 month. A bat exhibiting symptoms of rabies fell from a tree onto the premises of a rural home in Mobile County. Because of its strange behavior, the home owner captured the bat and

submitted it to a laboratory for examination. Fortunately no one had been bitten. Negri bodies were demonstrated in brain tissue and rabies virus was isolated from both the brain and salivary glands at the Virus and Rickettsia Laboratory, PHS, Montgomery. The bat has been identified as an insectivorous species Lasiurus borealis borealis.

#### Psittacosis

Dr. E. J. Witte, Pennsylvania Department of Health, has reported a case of psittacosis in a 48-year-old man. This man had purchased a parakeet from a local department store about 30 days earlier. The bird showed no signs of illness but it was destroyed and was not available for laboratory tests. The patient's illness was characterized by chills, fever, severe cough and expectoration with blood-tinged mucus. He was hospitalized and responded favorably to antibiotic therapy. Complement fixation tests on blood specimens showed a rise in titer from 1:16 to 1:256.

#### Diphtheria

The California State Department of Public Health has reported 4 cases of diphtheria in a family group. The first 2 cases were in a 31-year-old man and his wife. During an investigation 2 other clinically asymptomatic cases were found. However, physical examination revealed infection in the tonsillar area with lymphoid hyperplasia. Throat cultures from all 4 cases revealed virulent, Corynebacterium diphtheriae. It was reported that each of the 4 had been immunized previously. No other cases have been reported among persons living in the area near the homes of the patients.

#### Gastro-enteritis

Dr. Dean Fisher, Maine Department of Health and Welfare, has reported an outbreak of gastro-enteritis following a banquet held in a small hotel. Of 81 persons who attended, 44 became ill with nausea, vomiting, and diarrhea from 6 to 17 hours after the meal. The menu was fruit cup, salad, relishes, potatoes, canned green beans, chicken pie, ice cream, and canned strawberry sauce. The chicken pie was suspected to be the vehicle of infection because the meat had been left many hours at room temperature after the chicken had been cooked. Bacteriological examination of it showed Staphylococcus aureus. The same organism was found in stool specimens from food handlers, office workers, and 1 guest. Specimens from 3 food handlers, including the chef who prepared the chicken pie, yielded Staphylococcus, although they had eaten none of the pie.

The Illinois Department of Public Health has reported an outbreak of gastro-enteritis among 149 persons following a hot lunch in a school. Of these, 34 became ill with slight cramps, vomiting, and diarrhea from 3 to 4 hours later. The lunch consisted of potato salad, "sloppy Joe" sandwiches, and green beans with ham. No pathogenic organisms were found. An investigation revealed that one of the cooks became ill with the same symptoms in the morning and had worked all day.

The California State Department of Public Health has re-

## Morbidity and Mortality Weekly Report

ported an outbreak of gastro-enteritis among 115 persons following lunch in a school cafeteria. Of these, 52 became ill with nausea and vomiting followed by diarrhea and numbness about 3 hours later. The menu was potato salad, applesauce, carrot sticks, cheese, corn bread, spinach, and milk. Some beefburger left over from a previous meal was also served. There were only a few servings and none was left for bacteriological exam-

ination. Tests on other food items were negative. The only food common to those who became ill was the potato salad. Although 34 persons known to have eaten the salad were not ill, the evidence points to this as the vehicle of infection. The method of preparation, handling, and lack of refrigeration was considered favorable for contamination.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES  
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	42d WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Oct. 20, 1956	Ended Oct. 22, 1955	Median 1951-55	First 42 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	2	1	34	24	26	(1)	(1)	(1)	(1)
Botulism-----049.1	27	-	---	12	6	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	26	23	---	874	1,047	---	---	---	---	---
Diphtheria-----055	45	70	91	1,135	1,321	1,776	309	612	724	July 1
Encephalitis, infectious-----082	62	39	29	1,812	1,296	1,296	1,183	736	736	June 1
Hepatitis, infectious, and serum-----092, W998.5 pt.	309	409	---	16,029	27,031	---	---	---	---	---
Malaria-----110-117	5	12	---	208	412	---	(1)	(1)	(1)	(1)
Measles-----085	1,392	1,136	1,463	583,522	523,967	523,967	6,828	5,568	6,361	Sept. 1
Meningococcal infections-----057	48	43	65	2,223	2,859	3,430	258	288	371	Sept. 1
Meningitis, other-----340	42	---	---	1,260	---	---	---	---	---	---
Polio-myelitis-----080	397	790	1,061	<sup>3</sup> 13,537	25,716	31,385	<sup>3</sup> 12,470	24,653	29,804	Apr. 1
Psittacosis-----096.2	8	1	---	438	217	---	(1)	(1)	(1)	(1)
Rabies in man-----094	<sup>4</sup> 1	1	-	8	5	10	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	5	(1)	(1)	(1)	(1)
Typhoid fever-----040	46	31	56	1,541	1,428	1,920	1,228	1,121	1,514	Apr. 1
Typhus fever, endemic-----101	2	1	---	90	113	---	(1)	(1)	(1)	(1)
Rabies in animals-----	73	90	114	3,957	4,276	5,815	205	241	332	Oct. 1

<sup>1</sup>Frequencies are too small.

<sup>2</sup>Colorado, 6 cases; California, 1 case.

<sup>3</sup>Includes revised report from Iowa.

<sup>4</sup>Reported in Texas.

## SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, rabies in man, and smallpox are not shown in table 2,

but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [—]: no cases reported; 3 dashes [---]: data not available.

## Morbidity and Mortality Weekly Report

3

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 22, 1955 AND OCTOBER 20, 1956

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTION		HEPATITIS, INFECTION, AND SERUM 092,N998.5 pt.			
	044		42d week		Cumulative first 42 weeks		082		42d week		Cumulative first 42 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	26	23	45	70	1,135	1,321	62	39	309	409	16,029	27,031
NEW ENGLAND-----	-	-	-	-	12	21	-	-	19	43	1,041	2,402
Maine-----	-	-	-	-	-	-	-	-	5	5	252	299
New Hampshire-----	-	-	-	-	1	-	-	-	-	1	31	69
Vermont-----	-	-	-	-	-	2	-	-	-	15	145	210
Massachusetts-----	-	-	-	-	11	19	-	-	4	11	263	846
Rhode Island-----	-	-	-	-	-	-	-	-	2	5	125	332
Connecticut-----	-	-	-	-	-	-	-	-	8	6	225	646
MIDDLE ATLANTIC-----	-	1	-	1	51	45	5	6	71	116	3,436	6,767
New York-----	-	1	-	-	18	26	3	5	48	64	1,817	3,693
New Jersey-----	-	-	-	-	14	6	2	1	8	10	321	429
Pennsylvania-----	-	-	-	1	19	13	-	-	15	42	1,298	2,645
EAST NORTH CENTRAL-----	3	7	2	3	188	114	5	21	39	43	2,389	3,806
Ohio-----	-	-	-	-	14	29	2	-	5	8	585	669
Indiana-----	-	-	-	-	88	34	-	21	6	3	337	537
Illinois-----	1	7	-	-	8	8	1	-	11	9	529	938
Michigan-----	2	-	2	3	76	40	-	-	10	13	663	1,089
Wisconsin-----	-	-	-	-	2	3	2	-	7	10	275	573
WEST NORTH CENTRAL-----	13	8	1	11	97	131	15	2	14	21	1,318	3,234
Minnesota-----	2	-	-	3	26	46	-	-	4	6	422	1,157
Iowa-----	4	6	-	-	17	5	-	-	3	5	336	884
Missouri-----	2	1	-	-	11	12	-	-	2	2	84	321
North Dakota-----	-	-	-	1	5	1	1	-	5	4	114	257
South Dakota-----	4	-	1	1	8	44	-	-	-	4	161	325
Nebraska-----	-	-	-	6	26	20	-	-	-	-	91	78
Kansas-----	1	1	-	-	4	3	14	2	-	2	110	212
SOUTH ATLANTIC-----	5	2	21	26	282	466	1	-	16	25	1,043	2,334
Delaware-----	-	-	-	-	-	1	-	-	-	-	30	45
Maryland-----	1	-	-	1	2	13	-	-	1	1	82	320
District of Columbia-----	-	-	-	-	1	2	-	-	-	-	19	41
Virginia-----	1	-	-	3	26	25	1	-	6	11	413	957
West Virginia-----	-	-	-	-	7	16	-	-	-	2	56	228
North Carolina-----	1	-	5	4	44	69	-	-	-	5	111	302
South Carolina-----	-	-	7	8	67	154	-	-	-	-	57	71
Georgia-----	1	2	1	9	64	142	-	-	6	3	138	147
Florida-----	1	-	8	1	71	44	-	-	3	3	137	223
EAST SOUTH CENTRAL-----	3	1	19	22	164	274	2	2	27	27	1,404	1,442
Kentucky-----	1	-	1	1	11	42	-	-	9	4	435	273
Tennessee-----	1	1	-	1	20	34	1	2	10	12	587	559
Alabama-----	-	-	15	18	89	165	-	-	4	5	183	268
Mississippi-----	1	-	3	2	44	33	1	-	4	6	199	342
WEST SOUTH CENTRAL-----	-	-	1	6	262	214	17	1	23	27	1,168	1,575
Arkansas-----	-	-	-	-	20	9	-	-	10	-	122	205
Louisiana-----	-	-	-	1	28	29	-	-	2	3	115	114
Oklahoma-----	-	-	-	1	58	24	1	-	1	1	90	170
Texas-----	-	-	1	4	156	152	16	1	10	23	841	1,086
MOUNTAIN-----	2	2	-	-	27	15	1	3	20	41	1,399	2,062
Montana-----	1	-	-	-	3	3	-	-	-	14	344	332
Idaho-----	-	-	-	-	1	-	-	2	2	1	182	231
Wyoming-----	-	-	-	-	7	-	-	-	4	2	91	104
Colorado-----	1	2	-	-	3	-	1	-	7	20	319	437
New Mexico-----	-	-	-	-	5	3	-	1	1	2	118	311
Arizona-----	-	-	-	-	5	6	-	-	4	2	270	566
Utah-----	-	-	-	-	3	1	-	-	-	-	67	61
Nevada-----	-	-	-	-	-	2	-	-	2	-	8	20
PACIFIC-----	-	2	1	1	52	41	16	4	80	66	2,831	3,409
Washington-----	-	1	-	1	10	24	-	-	7	16	563	735
Oregon-----	-	-	-	-	11	-	-	-	28	16	572	947
California-----	-	1	1	-	31	17	16	4	45	34	1,696	1,727
Alaska-----	-	-	-	-	35	-	-	-	-	1	72	312
Hawaii-----	-	-	-	-	-	-	-	-	1	-	43	39
Puerto Rico-----	-	-	2	1	64	59	-	-	4	1	206	61

## Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 22, 1955 AND OCTOBER 20, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total <sup>1</sup>				Paralytic		Nonparalytic					
	42d week		Cumulative first 42 weeks		080.0,080.1		080.2		110-117		085	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	397	790	<sup>2</sup> 13,537	25,716	154	348	159	241	5	12	1,392	1,136
NEW ENGLAND-----	7	170	236	4,991	2	66	4	45	-	-	66	40
Maine-----	-	17	21	174	-	5	-	6	-	-	7	1
New Hampshire-----	-	5	3	216	-	-	-	-	-	-	1	-
Vermont-----	-	2	21	111	-	-	-	2	-	-	7	30
Massachusetts-----	3	113	104	3,567	1	57	1	30	-	-	24	7
Rhode Island-----	-	20	9	343	-	1	-	-	-	-	-	-
Connecticut-----	4	13	78	580	1	3	3	7	-	-	27	2
MIDDLE ATLANTIC-----	36	113	1,066	3,746	9	38	8	40	-	1	207	216
New York-----	23	75	699	2,437	8	27	7	35	-	-	108	117
New Jersey-----	3	24	199	625	1	11	1	5	-	1	57	18
Pennsylvania-----	10	14	168	684	-	-	-	-	-	-	42	81
EAST NORTH CENTRAL-----	99	171	3,736	6,158	39	70	41	47	-	-	188	143
Ohio-----	18	30	555	1,133	7	4	3	3	-	-	18	30
Indiana-----	18	26	338	380	10	4	5	13	-	-	52	8
Illinois-----	20	30	1,755	1,265	5	18	12	9	-	-	27	49
Michigan-----	28	23	607	1,116	13	9	15	12	-	-	51	37
Wisconsin-----	15	62	481	2,264	4	35	6	10	-	-	40	19
WEST NORTH CENTRAL-----	39	41	<sup>2</sup> 1,566	1,947	12	21	19	10	-	-	63	50
Minnesota-----	1	14	188	548	1	8	-	6	-	-	13	9
Iowa-----	11	5	<sup>2</sup> 591	510	1	4	9	-	-	-	24	16
Missouri-----	17	8	385	230	7	5	7	-	-	-	5	3
North Dakota-----	2	2	32	59	-	2	1	-	-	-	6	11
South Dakota-----	3	2	33	75	1	-	-	1	-	-	7	2
Nebraska-----	3	7	160	263	2	1	1	2	-	-	8	3
Kansas-----	2	3	177	262	-	1	1	1	-	-	-	6
SOUTH ATLANTIC-----	41	55	1,299	2,149	19	28	14	19	-	1	97	71
Delaware-----	-	1	26	55	-	-	-	1	-	-	1	-
Maryland-----	4	9	86	240	3	8	1	1	-	-	2	4
District of Columbia-----	-	1	9	45	-	1	-	-	-	-	-	-
Virginia-----	7	13	206	299	4	10	3	3	-	-	7	15
West Virginia-----	2	5	102	168	2	2	-	2	-	-	6	37
North Carolina-----	12	7	277	390	8	2	3	5	-	-	10	4
South Carolina-----	2	9	99	275	1	2	-	3	-	-	18	3
Georgia-----	6	4	181	242	1	2	1	2	-	1	7	3
Florida-----	8	6	313	435	-	1	6	2	-	-	46	5
EAST SOUTH CENTRAL-----	20	19	593	931	8	8	3	7	-	1	363	79
Kentucky-----	2	4	154	379	1	3	1	-	-	1	221	29
Tennessee-----	3	8	115	225	1	3	2	3	-	-	123	48
Alabama-----	6	3	77	161	-	-	-	2	-	-	18	1
Mississippi-----	9	4	247	166	6	2	-	2	-	-	1	1
WEST SOUTH CENTRAL-----	30	86	2,109	2,495	11	39	13	33	3	3	83	121
Arkansas-----	4	7	172	173	1	5	3	2	-	-	18	14
Louisiana-----	9	14	579	344	4	10	5	4	2	-	-	-
Oklahoma-----	6	10	194	266	-	2	-	2	1	-	2	6
Texas-----	11	55	1,164	1,712	6	22	5	25	-	3	63	101
MOUNTAIN-----	22	20	688	959	9	9	6	5	-	1	145	166
Montana-----	-	6	36	127	-	4	-	-	-	-	20	75
Idaho-----	4	4	99	231	1	1	2	1	-	1	5	2
Wyoming-----	-	1	29	32	-	-	-	-	-	-	25	31
Colorado-----	8	2	132	202	6	-	2	1	-	-	14	22
New Mexico-----	2	2	67	116	2	-	-	2	-	-	12	2
Arizona-----	2	5	115	114	-	4	2	1	-	-	20	29
Utah-----	5	-	177	67	-	-	4	-	-	-	49	5
Nevada-----	1	-	33	70	-	-	-	-	-	-	-	-
PACIFIC-----	103	115	2,244	2,340	45	69	51	35	2	5	180	250
Washington-----	13	36	171	389	1	22	6	3	-	-	59	23
Oregon-----	5	18	142	314	2	9	2	9	-	-	16	37
California-----	<sup>2</sup> 85	61	1,931	1,637	42	38	43	23	2	3	106	190
Alaska-----	-	3	12	56	-	2	-	1	-	-	150	2
Hawaii-----	2	8	65	99	2	4	-	4	-	-	127	15
Puerto Rico-----	1	-	47	442	1	-	-	-	-	-	31	31

<sup>1</sup>Includes cases not specified by type, category number 080.3.<sup>2</sup>Includes revised report.

## Morbidity and Mortality Weekly Report

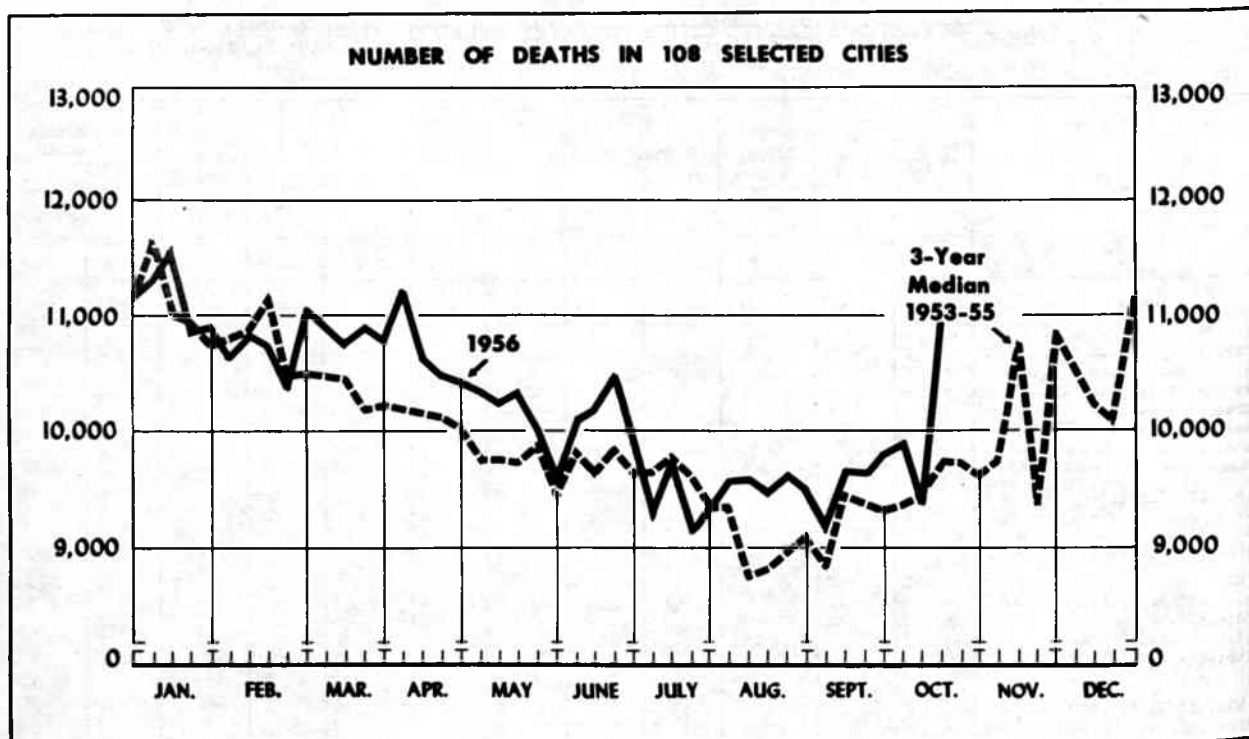
5

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 22, 1955 AND OCTOBER 20, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057			096.2		42d week		Cumulative first 42 weeks			101	
	1956	1955		1956	1956	1955	1956	1955	1956	1955		1956
CONT. UNITED STATES-----	48	43	42	8	1	46	31	1,541	1,428	2	73	90
NEW ENGLAND-----	2	2	3	-	-	-	1	50	30	-	-	-
Maine-----	-	-	1	-	-	-	-	14	6	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	1	1	-	-	-
Massachusetts-----	2	1	2	-	-	-	1	17	12	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	6	2	-	-	-
Connecticut-----	-	1	-	-	-	-	-	12	9	-	-	-
MIDDLE ATLANTIC-----	7	4	-	1	-	8	1	195	149	-	7	17
New York-----	2	-	-	-	-	3	1	58	35	-	6	16
New Jersey-----	-	3	-	-	-	1	-	30	23	-	-	-
Pennsylvania-----	5	1	-	1	-	4	-	107	91	-	1	1
EAST NORTH CENTRAL-----	11	16	13	-	-	4	5	209	139	-	2	3
Ohio-----	-	5	-	-	-	1	4	55	63	-	-	1
Indiana-----	-	5	1	-	-	2	-	28	18	-	-	1
Illinois-----	3	-	11	-	-	1	1	35	31	-	1	-
Michigan-----	6	6	1	-	-	-	-	49	21	-	1	-
Wisconsin-----	2	-	-	-	-	-	-	42	6	-	-	1
WEST NORTH CENTRAL-----	2	1	-	1	1	1	6	180	81	-	27	3
Minnesota-----	1	-	-	1	1	-	1	37	6	-	5	2
Iowa-----	-	-	-	-	-	-	1	56	22	-	14	-
Missouri-----	-	-	-	-	-	1	3	54	42	-	4	1
North Dakota-----	-	-	-	-	-	-	-	6	-	-	-	-
South Dakota-----	-	-	-	-	-	-	1	3	5	-	-	-
Nebraska-----	-	-	-	-	-	-	-	12	4	-	4	-
Kansas-----	1	1	-	-	-	-	-	12	2	-	-	-
SOUTH ATLANTIC-----	13	8	12	2	-	14	4	252	267	2	15	19
Delaware-----	-	-	-	-	-	-	-	3	2	-	-	2
Maryland-----	-	1	3	-	-	-	-	17	20	-	-	-
District of Columbia-----	-	-	-	-	-	-	-	12	6	-	-	-
Virginia-----	5	2	9	-	-	3	-	50	42	-	5	7
West Virginia-----	-	1	-	-	-	-	-	22	32	-	-	1
North Carolina-----	2	4	-	2	-	-	2	25	27	-	-	1
South Carolina-----	1	-	-	-	-	1	2	26	46	1	4	3
Georgia-----	3	-	-	-	-	1	-	48	42	-	6	4
Florida-----	2	-	-	-	-	9	-	49	50	1	-	1
EAST SOUTH CENTRAL-----	3	1	1	-	-	4	2	196	223	-	10	5
Kentucky-----	1	1	1	-	-	-	1	40	100	-	7	2
Tennessee-----	2	-	-	-	-	3	-	72	68	-	-	1
Alabama-----	-	-	-	-	-	-	-	23	36	-	3	2
Mississippi-----	-	-	-	-	-	1	1	61	19	-	-	-
WEST SOUTH CENTRAL-----	5	2	6	-	-	9	8	291	344	-	10	25
Arkansas-----	1	1	-	-	-	4	1	67	65	-	3	3
Louisiana-----	-	-	-	-	-	1	3	41	73	-	7	13
Oklahoma-----	-	-	2	-	-	2	-	44	48	-	-	-
Texas-----	4	1	4	-	-	2	4	139	158	-	-	9
MOUNTAIN-----	2	5	5	1	-	2	2	67	105	-	-	1
Montana-----	-	-	-	-	-	-	-	3	5	-	-	-
Idaho-----	1	-	-	-	-	-	-	3	11	-	-	-
Wyoming-----	-	1	1	-	-	-	-	2	6	-	-	-
Colorado-----	1	3	3	1	-	1	-	17	12	-	-	-
New Mexico-----	-	-	1	-	-	-	1	17	50	-	-	-
Arizona-----	-	-	-	-	-	1	1	22	17	-	-	1
Utah-----	-	1	-	-	-	-	-	1	4	-	-	-
Nevada-----	-	-	-	-	-	-	-	2	-	-	-	-
PACIFIC-----	3	4	2	3	-	4	2	101	90	-	2	17
Washington-----	1	1	-	-	-	1	-	3	1	-	-	-
Oregon-----	-	-	2	-	-	2	-	13	12	-	-	-
California-----	2	3	-	3	-	1	2	85	77	-	2	17
Alaska-----	-	-	-	-	-	-	-	1	4	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	1	1	4	-	-	2	3	70	42	-	1	1

## Morbidity and Mortality Weekly Report



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ( $d \pm 2\sqrt{d}$ , where  $d$  represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	42d week ended Oct. 20, 1956	41st week ended Oct. 13, 1956	42d week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 42 WEEKS		
					1956	1955	Percent change
TOTAL: 105 REPORTING CITIES-----	10,772	9,203	9,580	+12.4	422,822	415,912	+1.7
New England----- (14 cities)	717	598	668	+7.3	28,179	28,538	-1.3
Middle Atlantic----- (17 cities)	3,343	2,720	2,879	+16.1	124,536	124,133	+0.3
East North Central----- (18 cities)	2,332	2,128	2,149	+8.5	93,818	92,631	+1.3
West North Central----- (9 cities)	789	590	712	+10.8	30,812	30,127	+2.3
South Atlantic----- (9 cities)	813	770	699	+16.3	33,350	31,787	+4.9
East South Central----- (6 cities)	288	312	287	+0.3	13,870	13,983	-0.8
West South Central----- (13 cities)	852	808	774	+10.1	35,234	32,840	+7.3
Mountain----- (7 cities)	247	219	223	+10.8	9,733	9,378	+3.8
Pacific----- (12 cities)	1,391	1,058	1,216	+14.4	53,290	52,495	+1.5



## Morbidity and Mortality Weekly Report

7

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED OCTOBER 20, 1956

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	42d week ended Oct. 20, 1956	41st week ended Oct. 13, 1956	CUMULATIVE NUMBER FIRST 42 WEEKS		CITY	42d week ended Oct. 20, 1956	41st week ended Oct. 13, 1956	CUMULATIVE NUMBER FIRST 42 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	224	221	9,489	9,750	St. Louis, Mo.-----	264	161	9,699	9,126
Bridgeport, Conn.-----	36	27	1,550	1,545	St. Paul, Minn.-----	72	52	2,761	2,670
Cambridge, Mass.-----	33	28	1,229	1,211	Wichita, Kans.-----	51	44	1,720	1,599
Fall River, Mass.-----	42	17	1,152	1,156	SOUTH ATLANTIC				
Hartford, Conn.-----	58	50	1,991	1,880	Atlanta, Ga.-----	98	100	4,527	4,290
Lovell, Mass.-----	25	19	991	1,057	Baltimore, Md.-----	246	227	9,646	9,333
Lynn, Mass.-----	22	14	866	928	Charlotte, N. C.-----	18	29	1,282	1,150
New Bedford, Mass.-----	28	23	950	1,009	Jacksonville, Fla.-----	(49)	(43)	(2,122)	(1,977)
New Haven, Conn.-----	41	29	1,885	1,790	Miami, Fla.-----	55	63	2,104	2,218
Providence, R. I.-----	57	54	2,587	2,652	Norfolk, Va.-----	24	37	1,346	1,308
Somerville, Mass.-----	17	14	647	629	Richmond, Va.-----	74	82	2,934	2,647
Springfield, Mass.-----	48	31	1,721	1,741	Savannah, Ga.-----	(27)	(22)	(1,181)	(1,174)
Waterbury, Conn.-----	28	24	1,049	1,039	Tampa, Fla.-----	56	37	2,425	2,250
Worcester, Mass.-----	58	47	2,072	2,151	Washington, D. C.-----	189	177	7,625	7,120
MIDDLE ATLANTIC					Wilmington, Del.-----	53	18	1,461	1,471
Albany, N. Y.-----	64	48	2,051	2,000	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(37)	(56)	(1,545)	(1,502)	Birmingham, Ala.-----	61	66	3,166	3,170
Buffalo, N. Y.-----	161	102	5,928	5,624	Chattanooga, Tenn.-----	31	38	1,744	1,816
Camden, N. J.-----	46	44	1,623	1,530	Knoxville, Tenn.-----	33	30	1,408	1,413
Elizabeth, N. J.-----	25	38	1,154	1,103	Louisville, Ky.-----	---	---	---	(4,329)
Erie, Pa.-----	36	27	1,381	1,446	Memphis, Tenn.-----	84	87	4,093	4,124
Jersey City, N. J.-----	68	53	2,926	2,898	Mobile, Ala.-----	---	(31)	---	(1,193)
Newark, N. J.-----	132	75	4,029	4,176	Montgomery, Ala.-----	29	30	1,199	1,085
New York City, N. Y.-----	1,694	1,488	64,781	65,009	Nashville, Tenn.-----	50	61	2,260	2,375
Paterson, N. J.-----	53	24	1,543	1,542	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	539	424	19,902	19,833	Austin, Tex.-----	26	18	1,151	1,064
Pittsburgh, Pa.-----	189	178	7,566	7,365	Baton Rouge, La.-----	31	19	931	870
Reading, Pa.-----	(20)	(26)	(896)	(948)	Corpus Christi, Tex.-----	25	24	824	725
Rochester, N. Y.-----	130	65	3,972	3,899	Dallas, Tex.-----	120	107	4,474	4,044
Schenectady, N. Y.-----	26	17	925	949	El Paso, Tex.-----	23	42	1,131	1,187
Scranton, Pa.-----	---	(20)	---	(1,399)	Fort Worth, Tex.-----	55	52	2,440	2,257
Syracuse, N. Y.-----	66	51	2,432	2,301	Houston, Tex.-----	144	161	5,629	5,200
Trenton, N. J.-----	48	37	1,826	2,003	Little Rock, Ark.-----	44	56	1,950	1,873
Utica, N. Y.-----	43	24	1,270	1,267	New Orleans, La.-----	155	125	6,617	6,243
Yonkers, N. Y.-----	23	25	1,227	1,188	Oklahoma City, Okla.-----	71	61	2,627	2,372
EAST NORTH CENTRAL					San Antonio, Tex.-----	77	75	3,655	3,537
Akron, Ohio-----	64	46	2,174	2,186	Shreveport, La.-----	37	35	1,888	1,618
Canton, Ohio-----	39	32	1,170	1,133	Tulsa, Okla.-----	44	33	1,917	1,850
Chicago, Ill.-----	768	670	30,565	30,248	MOUNTAIN				
Cincinnati, Ohio-----	152	162	6,322	6,201	Albuquerque, N. Mex.-----	32	20	956	957
Cleveland, Ohio-----	204	217	8,515	8,216	Colorado Springs, Colo.-----	13	16	549	530
Columbus, Ohio-----	128	88	4,460	4,437	Denver, Colo.-----	107	98	4,521	4,484
Dayton, Ohio-----	59	78	2,716	2,691	Ogden, Utah-----	10	11	515	457
Detroit, Mich.-----	235	318	13,216	13,822	Phoenix, Ariz.-----	22	19	1,067	1,007
Evansville, Ind.-----	35	31	1,386	1,323	Pueblo, Colo.-----	---	(8)	---	(526)
Flint, Mich.-----	45	33	1,609	1,536	Salt Lake City, Utah-----	51	45	1,863	1,756
Fort Wayne, Ind.-----	37	34	1,479	1,411	Tucson, Ariz.-----	12	10	262	187
Gary, Ind.-----	(25)	(25)	(1,182)	(1,140)	PACIFIC				
Grand Rapids, Mich.-----	41	40	1,721	1,742	Berkeley, Calif.-----	14	14	687	747
Indianapolis, Ind.-----	152	80	4,861	4,567	Long Beach, Calif.-----	54	46	2,185	2,038
Milwaukee, Wis.-----	149	112	5,205	5,192	Los Angeles, Calif.-----	493	369	19,431	19,091
Peoria, Ill.-----	32	39	1,216	1,211	Oakland, Calif.-----	94	111	3,784	3,589
South Bend, Ind.-----	34	23	1,020	1,041	Pasadena, Calif.-----	31	27	1,455	1,533
Toledo, Ohio-----	105	73	3,902	3,848	Portland, Oreg.-----	75	102	3,927	3,894
Youngstown, Ohio-----	53	52	2,281	2,126	Sacramento, Calif.-----	58	35	1,998	2,052
WEST NORTH CENTRAL					San Diego, Calif.-----	78	56	3,102	3,069
Des Moines, Iowa-----	42	41	2,077	2,153	San Francisco, Calif.-----	255	148	7,976	7,680
Duluth, Minn.-----	22	17	1,089	1,057	Seattle, Wash.-----	142	94	5,242	5,337
Kansas City, Kans.-----	26	20	1,279	1,439	Spokane, Wash.-----	61	29	1,924	1,904
Kansas City, Mo.-----	116	85	4,528	4,507	Tacoma, Wash.-----	36	27	1,579	1,561
Minneapolis, Minn.-----	132	108	4,950	4,895	Honolulu, Hawaii-----	(35)	(27)	(1,447)	(1,482)
Omaha, Nebr.-----	64	62	2,709	2,681					

Symbols.—parentheses [ ( ) ] : data not included in table 3; 3 dashes [ --- ] : data not available.

U. S. DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE  
Public Health Service  
Washington 25, D. C.

PENALTY FOR PRIVATE USE TO AVOID  
PAYMENT OF POSTAGE, \$300  
GPO

If you do not desire to continue receiving  
this publication, please check here ☐  
and return.

GPO 460360

Official Business

FIRST CLASS MAIL